



PHILIP MORRIS

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W. F. KUHN

December 1, 1992

Dr. William L. Steele
Tobacco Institute Testing Laboratory
2 Taft Court, Suite 201
Rockville, Maryland 20850

Dear Dr. Steele:

The data for the seven samples received from you for the Interlab Sample Comparison #10 are given below.

	C ₁	C ₂	C ₃	C ₄	C ₅	C ₆	C ₇
	Carlton	Winston	Kool	L & M	Marlboro	Newport	
	85	Ultra Lts.	Lts.	85	85	100	IM#14
Butt Length, mm	33	34	35	33	28	37	30
FTC Tar, mg/cigt.	0.8	6.0	8.1	12.6	15.1	17.7	16.9
σ	0.2	0.3	0.4	0.4	0.5	0.4	0.3
TPM, mg/cigt.	1.1	7.1	9.6	15.9	18.8	21.7	21.4
σ	0.2	0.4	0.5	0.6	0.8	0.6	0.5
Nicotine, mg/cigt.	0.15	0.60	0.69	1.05	1.13	1.34	1.20
σ	0.01	0.03	0.03	0.03	0.04	0.05	0.02
Water, mg/cigt.	0.11	0.52	0.83	2.22	2.61	2.59	3.32
σ	0.02	0.06	0.07	0.3	0.3	0.2	0.3
Puffs/cigt.	7.4	8.2	7.4	7.6	8.8	8.9	8.9
σ	0.6	0.3	0.6	0.2	0.2	0.3	0.2
CO, mg/cigt.	1.3	7.0	7.6	11.0	13.1	16.8	14.4

Sincerely,

Robert A. Fenner, Ph.D.
Manager, Cigarette Testing Services

cc: Dr. C. Ellis
Mr. W. F. Kuhn

Attachment